

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the [Soil Survey Manual](#) and many of the technical terms used in the description are defined in [Soil Taxonomy](#).

### ***Counties with Published Soil Surveys***

Technical soil descriptions are located in the county soil survey descriptive legend.

### ***Counties without Published Soil Surveys***

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- (a) **Classification of the soils**

Saline County, Missouri  
 Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
ACKMORE-----	Fine-silty, mixed, nonacid, mesic Aeric Fluvaquents
AHOLT-----	Very-fine, montmorillonitic (calcareous), mesic Vertic Haplaquolls
*ARISPE-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
BLUELICK-----	Fine, mixed, mesic Typic Paleudalfs
BOOKER-----	Very-fine, montmorillonitic, mesic Vertic Endoaquolls
BREMER-----	Fine, montmorillonitic, mesic Typic Argiaquolls
COLO-----	Fine-silty, mixed, mesic Cumulic Endoaquolls
DAMERON-----	Fine-loamy, mixed, mesic Cumulic Hapludolls
DARWIN-----	Fine, smectitic, mesic Fluvaquentic Vertic Endoaquolls
DOCKERY-----	Fine-silty, mixed, nonacid, mesic Aquic Udifluvents
GOSS-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfs
GRABLE-----	Coarse-silty over sandy or sandy-skeletal, mixed (calcareous), mesic Mollic Udifluvents
*GREENTON-----	Fine, montmorillonitic, mesic Aquic Argiudolls
HAYNIE-----	Coarse-silty, mixed, calcareous, mesic Mollic Udifluvents
HIGGINSVILLE-----	Fine-silty, mixed, mesic Aquic Argiudolls
JOY-----	Fine-silty, mixed, mesic Aquic Hapludolls
KNOX-----	Fine-silty, mixed, mesic Mollic Hapludalfs
LADOGA-----	Fine, montmorillonitic, mesic Vertic Hapludalfs
LESLIE-----	Fine, montmorillonitic, mesic Argiaquic Argialbolls
LETA-----	Clayey over loamy, montmorillonitic, mesic Fluvaquentic Hapludolls
LEVASY-----	Clayey over loamy, montmorillonitic (calcareous), mesic Fluvaquentic Endoaquolls
LINDLEY-----	Fine-loamy, mixed, mesic Typic Hapludalfs
MACKSBURG-----	Fine, montmorillonitic, mesic Aquic Argiudolls
MANDEVILLE-----	Fine-loamy, mixed, mesic Typic Hapludalfs
MCGIRK-----	Fine, montmorillonitic, mesic Vertic Epiaqualfs
MENFRO-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
MOKO-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
MONITEAU-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
MONONA-----	Fine-silty, mixed, mesic Typic Hapludolls
MOVILLE-----	Coarse-silty over clayey, mixed (calcareous), mesic Aeric Fluvaquents
NEWCOMER-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
NODAWAY-----	Fine-silty, mixed, nonacid, mesic Mollic Udifluvents

Saline County, Missouri  
Classification of the Soils

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Soil name	Family or higher taxonomic class
PLAINFIELD-----	Mixed, mesic Typic Udipsammets
SAMPSEL-----	Fine, montmorillonitic, mesic Vertic Argiaquolls
SARPY-----	Mixed, mesic Typic Udipsammets
SIBLEY-----	Fine-silty, mixed, mesic Typic Argiudolls
*SNEAD-----	Fine, mixed, mesic Aquic Hapludolls
VESSEER-----	Fine-silty, mixed, mesic Argiaquic Argialbolls
WALDRON-----	Fine, montmorillonitic (calcareous), active, mesic Aeric Fluvaquents
WELLER-----	Fine, montmorillonitic, mesic Aquertic Chromic Hapludalfs
WINFIELD-----	Fine-silty, mixed, mesic Oxyaquic Hapludalfs
WINTERSET-----	Fine, montmorillonitic, mesic Typic Argiaquolls
WIOTA-----	Fine-silty, mixed, mesic Typic Argiudolls
ZOOK-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls